



OBJECTIVE:

To provide plumbing for a closed loop, sustainable home

CHALLENGE:

The sustainable home was built in Federation Square, without access to traditional plumbing, requiring an innovative solution

SOLUTION:



SANICUBIC 1 WP

GREENHOUSE BY JOOST BAKKER

Saniflo Australasia was recently involved in the innovative futurefoodsystem Greenhouse project by zero-waste champion Joost Bakker. The closed loop, three-storey, two-bedroom home has the capacity to grow and cultivate fruit, vegetables, herbs, fish, mussels and snails, and all in an 87-square-metre footprint.

The purpose of the project is to show how living off-grid and especially producing our own food is achievable and sustainable, and can even be achieved in the middle of the city.

As Greenhouse is an eco-project, all waste generated in the building needed to be re-used. Because of the construction and location of the building, conventional plumbing couldn't be applied. A pump was needed to pick up waste from numerous fixtures in the kitchen, bathroom and powder room so that the waste from the pump could then be discharged to an onsite passive biological waste water treatment system.

“The way we grow, harvest, transport, sell and eat our food is the most destructive human activity on the planet”

- Joost Bakker



A long-time client of Saniflo's, Zen Plumb, was contracted to work on the Greenhouse project. When it came to specifying a pump, Christopher from Zen Plumb knew that a Saniflo product would be best to achieve the needs of this unique project.

SANICUBIC 1 WP

The Sanicubic 1 WP was selected for the Greenhouse project as it is a whole house solution, allowing the connection of multiple fixtures. It features a powerful 1500W motor, high flow rate performance, and an IP68 waterproof rating. Because of its flexibility with several inlets, the Sanicubic 1 is commonly used for granny flats, making it the perfect choice for Greenhouse.

“We were pleased to donate our Sanicubic 1 WP to help make the futurefoodsystem Greenhouse functional and thriving. As this was an eco-project, all waste generated needed to be re-used, and the Sanicubic 1 WP helped to achieve that.”

- Adam Rowe
East Victoria Business Development Manager, Saniflo Australasia



KEY BENEFITS:

- ✓ Ideal for additional granny flats, studios or cabins
- ✓ New design with easily removable motor for servicing and maintenance
- ✓ External hard wired audio visual alarm
- ✓ Working temperature of 35°C. Will handle up to 70°C for short periods
- ✓ IP68 waterproof rated

ABOUT SANIFLO

Saniflo is a brand created and owned by the French owned SFA Group. For over 60 years the SFA Group's goal has been to allow one to easily install toilets, showers, sinks, kitchens, baths and hand basins literally anywhere. From its early beginnings as the inventor of the domestic macerating system, the SFA Group is today amongst the main companies providing pump solutions worldwide. Synonymous with quality and technical expertise, Saniflo's made in France products comply with the strictest quality requirements and consistently meet customer expectations. Saniflo products all have Australian Watermark approval and their pumps are intended to be installed by licensed plumbers.

SANIFLO'S DESIGN SERVICE

Saniflo offers project consultancy and assists architects and hydraulic consultants by reviewing plans, assisting with design layouts and recommending the correct pumps and their ideal location. We even work with the plumber onsite during installation to ensure that everything goes as planned. Saniflo has a wide selection of products for domestic and commercial application to provide design flexibility.



Shaking up water

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